

ABSTRACT

An increased number of colors can be assorted in the down hair part of a step pile fabric more easily than before by carrying out dry heat treatment of a pile fabric comprising an acrylic shrinkable fiber that can be dyed in a specific low-temperature region. There is provided a step pile fabric obtained by treating a pile fabric comprising an acrylic shrinkable fiber, which comprises comprising an acrylic copolymer comprising 0.5 to 10 wt% of a sulfonic acid group-containing monomer, dyed at 55 to 85°C, with dry heat at 110 to 150°C for 20 minutes or less, the acrylic shrinkable fiber having a shrinkage percentage of 18% or more calculated by the following formula (1):

$$\text{Shrinkage percentage (\%)} = 100 \times (1 - S_a/S_b) \quad (1)$$

wherein S_b represents a pile length of the down hair component before the dry heat treatment, and S_a represents a pile length of the down hair part (component) after the dry heat treatment.